

Serial No. 10/714,077
Belkin et al.
Case No. CE10641R

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JUL 20 2006

Amendments to the Claims:

1. (Currently Amended) A wireless communication unit operable to reformat dialed numbers according to dialing plans for a plurality of communication networks, the wireless communication unit comprising:

a transceiver configured to communicate over a wireless local area network (LAN) and a wireless wide area network (WAN), wherein the LAN has a LAN dialing plan and the WAN has a WAN dialing plan;

a user interface operable to provide a number corresponding to a target unit to be called; ~~and~~

a controller, coupled to the transceiver and the user interface, configured:

to select a ~~selected~~ communication network from among the wireless LAN communication network and the wireless WAN communication network by determining which of the wireless LAN communication network and the wireless WAN communication network the wireless communication unit is located, wherein the selected communication network is a home wireless LAN having a home wireless LAN dialing plan and wherein the selected communication network will be used to place a call to the target unit;

to ~~obtain~~ select a set of reformatting rules corresponding to the dialing plan of the selected communication network wherein the set of reformatting rules is one of a plurality of sets of reformatting rules;

to reformat the number according to the reformatting rules when the number is an abbreviated number that is compatible with the home wireless LAN dialing plan to provide a ~~reformatted number that is compatible with the dialing plan for the selected communication network~~ the number with appended home network digits as the reformatted number; and

to place the call to the target unit using the reformatted number over the selected one of the wireless LAN and the wireless WAN communication network, and a memory that is arranged to store the reformatting rules.

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2. (Original) The wireless communication unit of claim 1 wherein the controller provides the reformatted number according to the reformatting rules where the reformatted number further comprises the number with one of a digit deleted, a digit added, and a digit substituted.
3. (Cancelled)
4. (Currently Amended) The wireless communication unit of claim [[3]] 1 wherein the reformatting rules are obtained in part by one of a user entry at the user interface, a table of rules provided during configuration of the wireless communication unit, and a configuration file provided by the selected communication network.
- 5-9. (Cancelled)
10. (Currently Amended) ~~The A~~ wireless communication unit of claim 6 ~~wherein the selected communication network is an external wireless network operable to reformat dialed numbers according to dialing plans for a plurality of communication networks, the wireless communication unit comprising:~~
 a transceiver configured to communicate over a wireless local area network (LAN) and a wireless wide area network (WAN), wherein the LAN has a LAN dialing plan and the WAN has a WAN dialing plan;
 a user interface operable to provide a number corresponding to a target unit to be called;
 a controller coupled to the transceiver and the user interface, configured:
 to select a communication network from among the wireless LAN communication network and the wireless WAN communication network by determining which of the wireless LAN communication network and the wireless WAN communication network is located, wherein the selected communication network is an external network and will be used to place a call to the target unit;

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to select a set of reformatting rules corresponding to the dialing plan of the selected communication network wherein the set of reformatting rules is one of a plurality of sets of reformatting rules;

to reformat the number according to the reformatting rules and when the number is an abbreviated number that is compatible with a dialing plan of an other wireless communication network, the controller appends to provide the number with appended digits to the number so as the reformatted number so that the reformatted number can be used to route the call to the other wireless communication network; and

to place the call to the target unit using the reformatted number over the selected one of the wireless LAN and the wireless WAN communication network, and a memory that is arranged to store the reformatting rules.

11-15. (Cancelled)

16. (Currently Amended) A wireless communication unit operable to reformat dialed numbers according to dialing plans for a plurality of communication networks, the wireless communication unit comprising:

a transceiver for transmitting and receiving via any of the plurality of communication networks;

a user interface operable to provide a number corresponding to a target unit to be called; and

a controller, coupled to the transceiver and the user interface, to provide a reformatted number corresponding to the number and according to a preference that is specific to the wireless communication unit, where the reformatted number is compatible with a dialing plan for a selected communication network that will be used to place a call to the target unit wherein the selected communication network is selected from among the plurality of communication networks and is an external network and is selected by the controller determining which of the plurality of communication networks within which the wireless communication unit is located, and

when the number is an abbreviated number that is compatible with a dialing plan of a recently visited network and is further compatible with a dialing plan for a second

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network, the controller relies on the preference to provide the reformatted number according to one of the dialing plan of the recently visited network and the dialing plan of the second network so the reformatted number can be used to route the call to a respective one of the recently visited network and the second network.

17. (Original) The wireless communication unit of claim 16 further comprising a memory arranged to store the preference and formatting rules, wherein the preference corresponds to a set of the formatting rules that are chosen and wherein the controller provides the reformatted number by applying the set of the formatting rules that are chosen to the number.

18. (Previously Presented) The wireless communication unit of claim 17 wherein the formatting rules are obtained by one of a user entry at the user interface, a table of rules provided during configuration of the wireless communication unit, and a configuration file provided via the selected communication network.

19-20. (Cancelled)

21. (Currently Amended) ~~The A~~ wireless communication unit of claim 16 operable to reformat dialed numbers according to dialing plans for a plurality of communication networks, the wireless communication unit comprising:

a transceiver for transmitting and receiving via any of the plurality of communication networks;

a user interface operable to provide a number corresponding to a target unit; to be called; and

a controller, coupled to the transceiver and the user interface, to provide a reformatted number corresponding to the number and according to a preference that is specific to the wireless communication unit, where the reformatted number is compatible with a dialing plan for a selected communication network that will be used to place a call to the target unit wherein the selected communication network is selected from among the plurality of communication networks and ~~wherein the selected communication network is~~

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a visited network and is selected by the controller determining which of the plurality of communication networks within which the wireless communication unit is located and;

when the number is an abbreviated number that is compatible with a dialing plan of an other communication network and not compatible with a dialing plan of the visited network, the controller appends digits to the number so the reformatted number can be used to route the call to the other communication network; and

when the abbreviated number is compatible with a dialing plan of the visited network and is further compatible with the dialing plan of the other communication network, the controller relies on the preference to provide the reformatted number according to one of the dialing plan of the visited network and the dialing plan of the other communication network so the reformatted number can be used to route the call within a respective one of the visited network and the other network.

22-24. (Cancelled)

25. (Currently Amended) The A wireless communication unit of claim 16 operable to reformat dialed numbers according to dialing plans for a plurality of communication networks, the wireless communication unit comprising:

a transceiver for transmitting and receiving via any of the plurality of communication networks;

a user interface operable to provide a number corresponding to a target unit to be called; and

a controller, coupled to the transceiver and the user interface, to provide a reformatted number corresponding to the number and according to a preference that is specific to the wireless communication unit, where the reformatted number is compatible with a dialing plan for a selected communication network that will be used to place a call to the target unit wherein the selected communication network is selected from among the plurality of communication networks and wherein the selected communication network is a home network and is selected by the controller determining which of the plurality of

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communication networks within which the wireless communication unit is located and when the number is an abbreviated number that is compatible with the dialing plan for the home network, the controller provides one of the number and the number with appended home network digits as the reformatted number.

26. (Currently Amended) The A wireless communication unit of claim 16 operable to reformat dialed numbers according to dialing plans for a plurality of communication networks, the wireless communication unit comprising:

a transceiver for transmitting and receiving via any of the plurality of communication networks;

a user interface operable to provide a number corresponding to a target unit to be called; and

a controller, coupled to the transceiver and the user interface, to provide a reformatted number corresponding to the number and according to a preference that is specific to the wireless communication unit, where the reformatted number is compatible with a dialing plan for a selected communication network that will be used to place a call to the target unit wherein the selected communication network is selected from among the plurality of communication networks and wherein the selected communication network is an external network and is selected by the controller determining which of the plurality of communication networks within which the wireless communication unit is located and when the number is an abbreviated number that is compatible with the dialing plan of an other communication network, the controller appends digits to the number so the reformatted number can be used to route the call to the other communication network.

27. (Previously Presented) The wireless communication unit of claim 16 wherein the number is an abbreviated number and when the abbreviated number is not compatible with a dialing plan for the selected communication network, the controller operates to provide the reformatted number by one of a) applying an algorithm to the abbreviated number, b) retrieving an access number and appending the abbreviated number as an over dial suffix, and c) retrieving a stored number from a look up table that is indexed according to the abbreviated number.

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28. (Currently Amended) A method of reformatting dialed numbers according to dialing plans for a plurality of communication networks, the method comprising:

providing, at a wireless communication unit suitable for operation over a wireless local area network (LAN) having a wireless LAN dialing plan and a wireless wide area network (WAN) having a wireless WAN dialing plan, a number corresponding to a target unit to be called;

selecting one of the wireless LAN and the wireless WAN as a selected communication network that will be used to place a call to the target unit wherein the selected communication network is selected by determining within which of among the wireless LAN and the wireless WAN the communication is located, wherein the selected communication network is a home wireless LAN;

obtaining formatting rules corresponding to the dialing plan for the selected communication network;

reformatting the number when the number is an abbreviated number that is compatible with the dialing plan for the home wireless LAN according to the reformatting rules to provide the number with appended home network digits as a reformatted number that is compatible with the dialing plan for the communication network that will be used to place the call to the target unit; and

placing, by the wireless communication unit, the call to the target unit over the communication network.

29. (Original) The method of claim 28 wherein the reformatting the number further comprises providing the reformatted number according to reformatting rules that are applied to the number, where the reformatted number further comprises the number with one of a digit deleted, a digit added, and a digit substituted.

30. (Previously Amended) The method of claim 28 wherein the obtaining the formatting rules further comprises obtaining the formatting rules in part from one entering the formatting rules at a user interface, configuring the wireless communication

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unit with a table of rules, and downloading a configuration file from the selected communication network.

31-33. (Cancelled)

34. (Previously Amended) ~~The A method of claim 28 wherein the selected communication network is an external wireless network and~~ reformatting dialed numbers according to dialing plans for a plurality of communication networks, the method comprising:

providing, at a wireless communication unit suitable for operation over a wireless local area network (LAN) having a wireless LAN dialing plan and a wireless wide area network (WAN) having a WAN dialing plan, a number corresponding to a target unit to be called;

selecting at least one of the wireless LAN and the wireless WAN as a communication network that will be used to place a call to the target unit wherein the selected communication network is selected by determining within which of among the wireless LAN and the wireless WAN the communication is located;

obtaining formatting rules corresponding to the dialing plan for the selected communication network;

reformatting the number when the number is an abbreviated number that is compatible with the dialing plan of an other wireless communication network, the reformatting the number comprises appending digits to the number so the reformatted number can be used to route the call to the other wireless communication network; and
place, by the wireless communication network, the call to the target unit over the communication network..

35-44. (Cancelled)

45. (New) The wireless communication unit of claim 10 wherein the controller provides the reformatted number according to the reformatted rules where the reformatted

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number further comprises the number with one of a digit deleted, a digit added, and a digit substituted.

46. (New) The wireless communication unit of claim 10 wherein the reformatted rules are obtained in part by one of a user entry at the user interface, a table of rules provided during configuration of the wireless communication unit, and a configuration file provided by the selected communication network.

47. (New) The wireless communication unit of claim 21 further comprising a memory arranged to store the preference and formatting rules, wherein the preference corresponds to a set of the formatting rules that are chosen and wherein the controller provides the reformatted number by applying the set of the formatting rules that are chosen to the number.

48. (New) The wireless communication unit of claim 21 wherein the formatting rules are obtained by one of a user entry at the user interface, a table of rules provided during configuration of the wireless communication unit, and a configuration file provided via the selected communication network.

49. (New) The wireless communication unit of claim 21 wherein the number is an abbreviated number and when the abbreviated number is not compatible with a dialing plan for the selected communication network, the controller operates to provide the reformatted number by one of a) applying an algorithm to the abbreviated number, b) retrieving an access number and appending the abbreviated number as an over dial suffix, and c) retrieving a stored number from a look up table that is indexed according to the abbreviated number.